

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US04/10305

A. CLASSIFICATION OF SUBJECT MATTER		
IPC(7) : G01S 5/14 US CL : 342/357.15, 357.1, 357.08, 464		
According to International Patent Classification (IPC) or to both national classification and IPC		
B. FIELDS SEARCHED		
Minimum documentation searched (classification system followed by classification symbols) U.S. : 342/357.15, 357.1, 357.08, 464		
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched		
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)		
C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5,666,122 A (CARTER) 09 September 1997 (09.09.1997), see entire disclosure	15, 17, 18, 22-24, 26, 31 and 33
X	US 6,114,992 A (UNDERBRINK) 05 September 2000 (05.09.2000), see entire disclosure.	15, 17, 18, 22-24, 26, 31 and 33
X	US 6,133,874 A (KRASNER) 17 October 2000 (17.10.2000) see entire disclosure	1-11, 15-20, 22-31, 33
X	US 6,429,815 B1 (SOLIMAN) 06 August 2002 (06.08.2002) see entire disclosure.	1-38
X	US 6,433,735 B1 (BLOEBAUM et al) 13 August 2002 (13.08.2002) see entire disclosure.	1-38
<input type="checkbox"/> Further documents are listed in the continuation of Box C. <input type="checkbox"/>		See patent family annex.
* Special categories of cited documents:		"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
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* "B" earlier application or patent published on or after the international filing date		"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
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* "O" document referring to an oral disclosure, use, exhibition or other means		
* "P" document published prior to the international filing date but later than the priority date claimed		
Date of the actual completion of the international search	Date of mailing of the international search report	
12 January 2005 (12.01.2005)	21 MAR 2005	
Name and mailing address of the ISA/US Mail Stop PCT, Attn: ISA/US Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450 Facsimile No. (703) 305-3230	Authorized officer Gregory C. Issing  Telephone No. 703-306-4171	